1997-2003 Chevrolet Malibu Spark Plugs Replacement

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INTRODUCTION

Replacing the spark plugs in your Malibu can keep it running strong. New spark plugs will produce a stronger spark than older spark plugs allowing your engine to run smoother and more efficient.

TOOLS:

- 1/2" Socket (1)
- 5/8" Spark Plug Socket (1)
- 6" Ratchet Extension (1)
- Flathead Screwdriver (1)
- Ratcheting Socket Wrench (1)
- Spark Plug Gap Gauge (1)
- Torque Wrench (1)

PARTS:

- Spark Plug (4)

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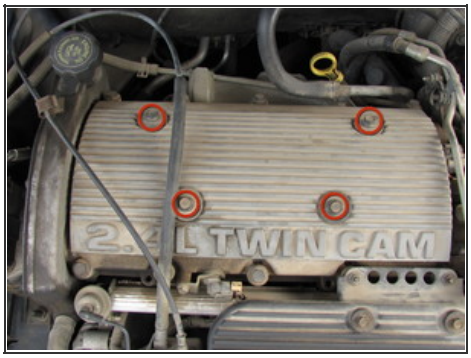
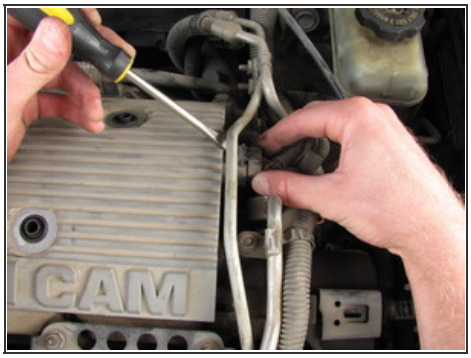
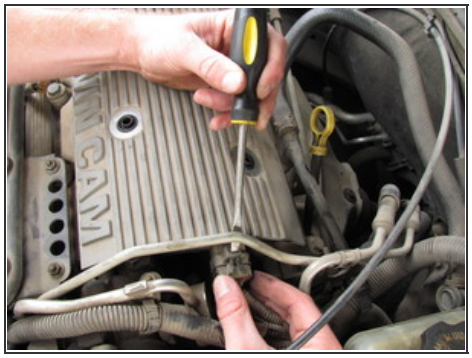
Step 1 — Spark Plugs

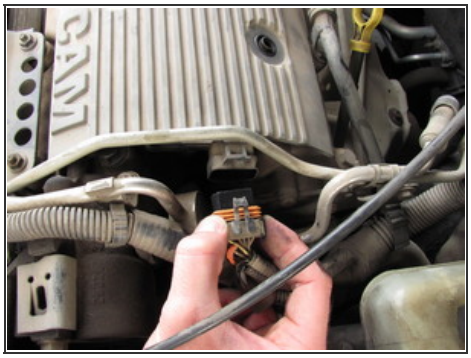


- Use the 1/2" socket to loosen and remove the four bolts and washers on the spark plug cover labeled 2.4L Twin Cam.
  - These four bolts should be torqued to 18 ft-lbs when putting the spark plug cover back on.

Step 2

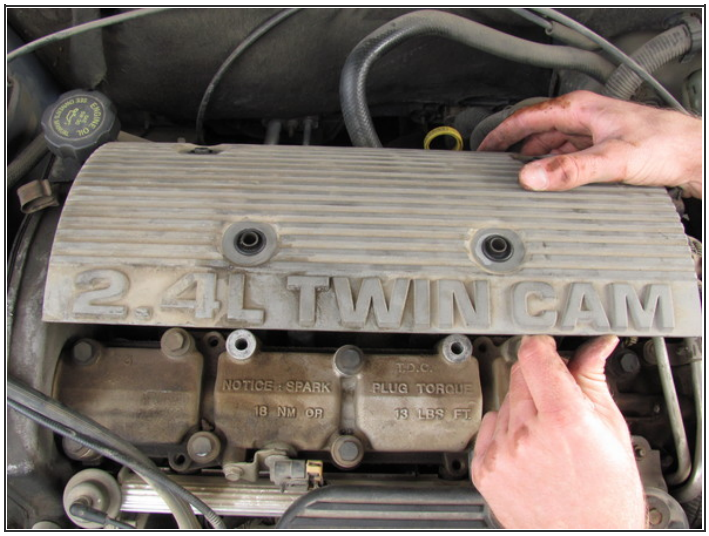


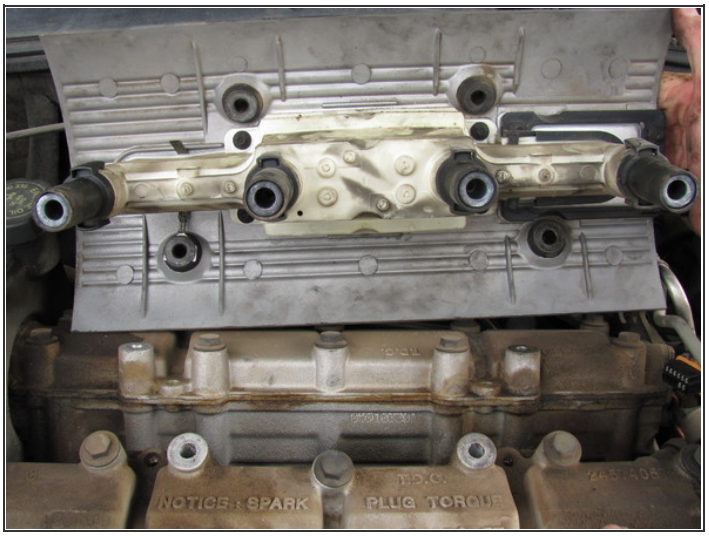




- With a flathead screwdriver remove the ignition coil electrical connector on the right side of spark plug cover.
- Be careful while disconnecting the ignition coil electrical connector as it may break.

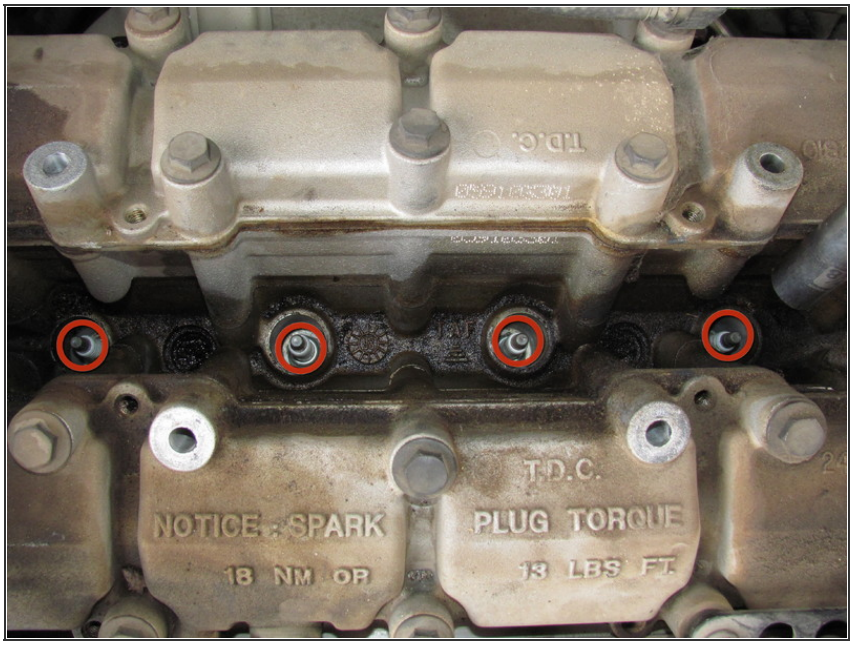
Step 3





- Remove the spark plug cover.

Step 4

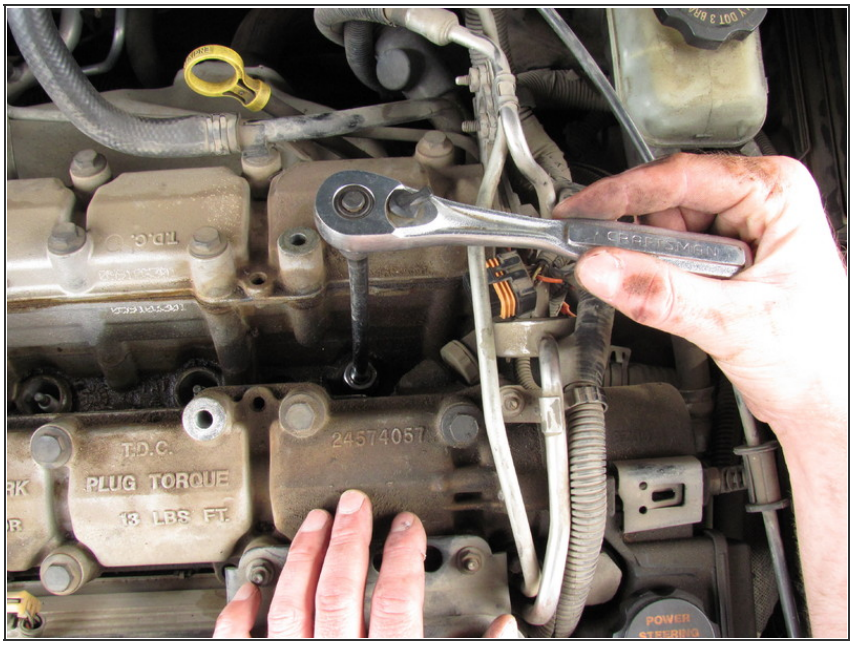


- When working with compressed air, wear safety glasses to protect your eyes from flying debris.
- Use compressed air to clear any debris from the area around the spark plugs.
  - Any particles that fall into the cylinder could cause serious engine damage.
- Use a 5/8" spark plug socket with an extension to loosen and remove the spark plugs.

Step 5

- Before installing the new spark plugs check that the spark plugs' gap is between 0.048 and 0.052 inches.
- If it needs to be widened, use a gap setter to increase the size of the gap until it reaches the desired width.

Step 6



- Wedge the new spark plugs into a 5/8" spark plug socket.
- Place the spark plug into the cylinder using the socket and hand tighten the spark plugs as much as possible.
- Tighten the spark plugs to 13 ft-lbs with a torque wrench.
- Do not over tighten spark plugs. This could strip out the threaded holes in the head.

To reassemble your device, follow Steps 1-3 in reverse order.

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